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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/658,460	09/10/2003	Myounggoo Lee	029567-00004	2221
ARENT FOX KINTNER PLOTKIN & KAHN, PLLC Suite 400			EXAMINER	
			MCDONALD, RODNEY GLENN	
1050 Connecticut Avenue, N.W. Washington, DC 20036-5339			ART UNIT	PAPER NUMBER
			1795	
			MAIL DATE	DELIVERY MODE
			04/24/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

## Advisory Action Before the Filing of an Appeal Brief

Application No.	Applicant(s)	
10/658,460	LEE ET AL.	
Examiner	Art Unit	
	Ait 01111	

1. ☑ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandomment of this application, applicant must timely file one of the following replies: (1) an amendment, affidiaty, or other avidence, with places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 4.1.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:  a) ☐ the period for reply expiresmonths from the malling date of the final rejection,  b) ☑ The period for reply expiresmonths from the malling date of the final rejection, which were the statutory period for reply expires on: (1) the malling date of the final rejection, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expires on: (1) the malling date of the final rejection.  Examiner Note: If box is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FIRML REJECTION. See MFEP 705 07(1).  Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(s) and the appropriate extension fee the maler of CFR 1.174(s) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; (2) as many reduce any examed patent term adjustment. See 37 CFR 1.774(b).  NOTICE OF APPEAL 2.  ☐ The Notice of Appeal was filed on A brief in compliance with 37 CFR 4.1.37 must be filed within two months of the date of filing the Notice of Appeal was fleed on A brief in compliance with 37 CFR 4.1.37(b), to avoid dismissal of the appeal. Since a Notice of Appeal was been filed, any reply must be filed within the time period set froit in 37 CFR 4.1.37(a).  The Notice of Appea in asset were with a final rejection, but prior to the date of filing		
1. ☑ The reply was filed after a final rejection. but prior to or on the same day as filing a Notice of Appeal. To avoid abandomment of this application, applicant must intelly file one of the following replies: (1) an amendment, affadiaty, or other avidence with judges the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:  a) ☐ The period for reply expiresmonths from the mailing date of the final rejection.  b) ☑ The period for reply expiresmonths from the mailing date of the final rejection with the final rejection of the following time period for reply expires on: (1) the mailing date of the final rejection.  Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FIRML REJECTION. See WFEP 705 07(7).  Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee house benefited is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee hunder 37 CFR 1.176(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final office action; (c) as any reduce any exemple patient term adjustment. See 37 CFR 1.70(b).  NOTICE OF APPEAL 2.  ☐ The Notice of Appeal was filed on A brief in compliance with 37 CFR 4.1.37 must be filed within two months of the date of filing the Notice of Appeal was been filed, any reply must be filed within the time period set from in 37 CFR 4.1.37(a).  AMENDMENTS  a) ☑ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because (a) ☑ They raise the issues that would require further consideration and/or search (se	The MAILING DATE of this communication appears on the cover sheet with the correspondence address	
application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 1.14. The reply must be filed within one of the following time periods:  a) The period for reply expires	THE REPLY FILED <u>16 April 2008</u> FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.	
a) ☐ The period for reply expiresmonths from the mailing date of the final rejection. b) ☐ The period for reply expires on. (1) the mailing date of the Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. Exement Note: If tox 1 is checked, check other box (6) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).  Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee was feed to the final rejection, and the period of extension and the corresponding amount of the fee. The appropriate extension fee to the period of the final rejection, over if timely filed, may reduce any semed patent term adjustment. See 37 CFR 1.704(b).  NOTICE OF APPEALS.  2. ☐ The Notice of Appeal was filed on	application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places to application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Reque for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time	the
under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, over if timely filled, may reduce any earned patient term adjustment. See 37 CFR 1.704(b).  NOTICE OF APPEAL.  □ The Notice of Appeal was filled on A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(b), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).  AMENDMENTS  AMENDMENTS  (a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below); (b) ☐ They raise the issue of new matter (see NOTE below); (c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or (d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.  NOTE: See Continuation Sheet. (See 37 CFR 1.116 and 41.33(a)).  4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).  5. ☐ Applicant's reply has overcome the following rejection(s):  6. ☐ Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  7. ☑ For purposes of appeal, the proposed amendment(s): a) ☑ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claims would be rejected is provided below or appended.  Claim(s) objected to:  Claim(s) objected to:  Claim(s) objected to:  Claim(s) withdrawn from consideration: _	a) The period for reply expiresmonths from the mailing date of the final rejection. b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.  Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN T MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).  Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee	TWO ee
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<ul> <li>8.  The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will <u>not</u> be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).</li> <li>9.  The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will <u>not</u> be entered because the affidavit or other evidence failed to overcome <u>all</u> rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).</li> <li>10.  The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.</li> <li>REQUEST FOR RECONSIDERATION/OTHER</li> <li>11.  The request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.</li> <li>12. Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s)</li></ul>	how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected: <u>1-6</u> .  Claim(s) withdrawn from consideration:	
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	12. ☐ Note the attached Information <i>Disclosure Statement</i> (s). (PTO/SB/08) Paper No(s) 13. ☐ Other:	
Primary Examiner, Art Onit 1795	/Rodney G. McDonald/ Primary Examiner, Art Unit 1795	

Continuation of 3. NOTE: The amendment raises a new issue with respect to the claims because "varying only the substrate bias voltage" was not present in the finally rejected claims.

Continuation of 11. does NOT place the application in condition for allowance because: of the reasons set forth in the note above and for the reasons set forth in the final rejection.